IAP3 Rec'd PCT/PTO 2 0 DEC 2005

"Express Mail" mailing label number EV 314 902 272 US

Date of Deposit December 20, 2005

PTO-1390 (Rev. 12-2004)
Approved for use through 3/31/2007.OMB 0657-0021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of infromation unless it displays a valid OMB control number.

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

ATTORNEY'S DOCKET NO. 9378/198 (FP 23107)

CONCERNING A SUBMISSION UNDER 35 U.S.C. 371							U.S. APPLI	CATION NO. (I 10/5	161597	2.F.R. 1.5)		
INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PRIORITY DATE CAUSTINE PRIORITY DATE CAUSTINE 20034030303												
	TITLE OF INVENTION ELECTROCHEMICAL REDUCTION OF METAL OXIDES											
APPLICANT(S) FOR DO/EO/US SHOOK, ANDREW; RIGBY, GREGORY DAVID; RATCHEV, IVAN												
App	Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:											
1.	⊠	This is a FIRST submission of items concerning a filing under 35 U.S.C. 371										
2.		This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371										
3.	(21)	1) indicated below.										
4.	M	The US has been elected (Article 31).										
5.	×											
	• •	a.	\boxtimes	is transmitte	ed herewith (required or	nly if not transmitted	by the Interna	ational Bureau)				
		b. 🛮 has been transmitted by the International Bureau.										
		c. is not required, as the application was filed in the United States Receiving Office (RO/US).										
6.		An English translation of the International Application into English (35 U.S.C. 371(c)(2)).										
		a.		is attached	hereto.							
	``	. b.		has been pr	reviously submitted und	ler 35 U.S.C. 154(d)	(4).					
7	· · · · · · · · · · · · · · · · · · ·											
		a.		are transmit	tted herewith (required	only if not transmitte	d by the inter	national Burea	u).			
		′ b.		havę been t	transmitted by the Inter	national Bureau.						
		· C.		have not be	en made; however, the	time limit for making	g such amend	lments has NO	T expired.			
		d.	\boxtimes	have not be	en made and will not b	e made.						
8.		An English translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).										
9.		An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).										
10.		An English translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)) and/or amendments under Article 34.										
Iten	ns 11	to 20 Be	low concer	n other doo	cument(s) or informat	ion included:						
11.	\boxtimes	An Information Disclosure Statement under 37 CFR 1.97 and 1.98.										
12.		An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.										
13.	\boxtimes	A preliminary amendment.										
14.		An Application Data Sheet under 37 CFR 1.76.										
15.		A substitute specification.										
16.		A power of attorney and/or change of address letter.										
17.		A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.										
18.		A second copy of the published international application under 35 U.S.C. 154(d)(4).										
19.		A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).										
20.	\boxtimes	Other items or information: Return Post card.										

IAPO ROC'A PCTAPTO 20 DEC 2005,

U.S. APPLICATION NO	(If known, see 37 C.F.R. 1.50)	ATTORNEY'S DOCKET NO.							
1	1/56159/	9378/198 (FP 23107)							
21. 🖾 The followin	g fees are submitted:	CALCULATIONS	PTO USE ONLY						
	•••••								
Search Fee									
тот	AL OF ABOVE CALCULATIONS	1000.00							
Additional fee for speci	fication and drawings filed in paper over 10								
	ectronic medium). The fee is \$250 for each	\$							
Surcharge of \$130.00 for fi (37 CFR 1.492(e)).									
Claims	Number Filed	Number Extra		Rate					
Total Claims	23		3	x \$ 50.00	150.00				
Independent Claims	2	<u> </u>	0	x \$ 200.00	****				
Multiple dependent claim(s	if Applicable)	+\$360.00 ABOVE CALCUATIONS =	\$0.00						
Applicant claims small	entity status. See 37 CFR 1.27. The fees								
Applicant claims small	entity status. See 37 CFR 1.27. The fees	indicated above are rec	uuce	SUBTOTAL =	\$				
Processing fee of \$130.00	for furnishing the English translation late	r than the 1 30 mor	nths 1		· · ·				
priority date (37 CFR 1.492					\$				
	· · · · · · · · · · · · · · · · · · ·			TOTAL NATIONAL FEE=	1,150.00	\$1,000.00			
Fee for recording the e	nclosed assignment (37 CFR 1.21(h)). The			panied by an appropriate 31), \$40.00 per property +					
		Amount to be refunded	\$						
			Charged	\$					
a.									
b. 🗵 Pl	Please charge my Deposit Account No. 23-1925 in the amount of \$1,150.00 to cover the above fees. A duplicate copy of this sheet is enclosed.								
	The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 23-1925. A duplicate copy of this sheet is enclosed.								
	Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.								
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.									
Correspondence Address: Please recognize the correspondence address for this									
application as the address associated with the following Customer Number:									
Customer No.	00757 - Brinks Hofer Gilso	11/V NI							
		Signature / / / / / / / / / / / / / / / / / / /							
		Na	Name						
		(1	G. Peter Nichols						
		ation Number 34,401							

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 12 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.